INDEX

Volume 16, 1985

ARTICLES

ASHCRAFT, MARK H. Is It Farfetched That Some of Us Remember Our Arithmetic Facts? March, 99–105.

BARODDY, ARTHUR J. Mastery of Basic Number Combinations: Internalization of Relationships or Facts? March, 83–98.

BEHR, MERLYN J.; WACHSMUTH, IPKE; and POST, THOMAS R. Construct a Sum: A Measure of Children's Understanding of Fraction Size. March, 120–131.

BEHR, MERLYN J. *See* Post, Thomas R.

BRINKO, KATHLEEN T. *See* Fuson, Karen C.

CARRAHER, TEREZINHA NUNES, and SCHLIEMANN, ANALÚCIA DIAS. Computation Routines Prescribed by Schools: Help or Hindrance? January, 37–44.

COONEY, THOMAS J. A Beginning Teacher's View of Problem Solving. November, 324–336.

DERI, MARIA. *See* Fischbein, Efraim.

FENNEMA, ELIZABETH, and TARTRE, LINDSAY A. The Use of Spatial Visualization in Mathematics by Girls and Boys. May, 184–206.

FISCHBEIN, EFRAIM; DERI, MARIA; NELLO, MARIA SAINATI; and MARINO, MARIA SCIOLIS. The Role of Implicit Models in Solving Verbal Problems in Multiplication and Division. January, 3–17.

FUSON, KAREN, and BRINKO, KATHLEEN T. The Comparative Effectiveness of Microcomputers and Flash Cards in the Drill and Practice of Basic Mathematics Facts. May, 225–232.

GAROFALO, JOE, and LESTER, FRANK K., JR. Metacognition, Cognitive Monitoring, and Mathematical Performance. May, 163–176.

HANSEN, RANDALL S.; McCANN, JOAN; and MYERS, JEROME L. Rote Versus Conceptual Emphases in Teaching Elementary Probability. November, 364–374.

HENDERSON, RONALD W.; LANDESMAN, EDWARD M.; and KACHUCK, IRIS. Computer-Video Instruction in Mathematics: Field Test of an Interactive Approach. May, 207–224.

KACHUCK, IRIS. *See* Henderson, Ronald W.

LANDESMAN, EDWARD M. *See* Henderson, Ronald W.

LESH, RICHARD. *See* Post, Thomas R.

LESTER, FRANK K., JR. *See* Garofalo, Joe.

LLABRE, MARIA M. *See* Maspons, Maria M.

MARINO, MARIA SCIOLIS. *See* Fischbein, Efraim.

MASPONS, MARIA M., and LLABRE, MARIA M. The Influence of Training Hispanics in Test Taking on the Psychometric Properties of a Test. May, 177–183.

McCANN, JOAN. *See* Hansen, Randall S.

MYERS, JEROME. *See* Hansen, Randall S.

NELLO, MARIA SAINATI. *See* Fischbein, Efraim.

POST, THOMAS R.; WACHSMUTH, IPKE; LESH, RICHARD; and BEHR, MERLYN J. Order and Equivalence of Rational Numbers: A Cognitive Analysis. January, 18–36.

POST, THOMAS R. *See* Behr, Merlyn J.

RESEARCH ADVISORY COMMITTEE OF THE NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS. Mathematics Education Research: 1984 in Review. July, 316–319.

RUBENSTEIN, RHETA N. Computational Estimation and Related Mathematical Skills. March, 106–119.

SCHLIEMANN, ANALÚCIA DIAS. *See* Carraher, Terezinha Nunes.

SIDERS, JAMES A.; SIDERS, JANE Z.; and WILSON, REBECCA M. A Screening Procedure to Identify Children Having Difficulties in Arithmetic. November, 356–363.

SIDERS, JANE Z. *See* Siders, James A.

INDEX

Volume 16, 1985

ARTICLES

ASHCRAFT, MARK H. Is It Farfetched That Some of Us Remember Our Arithmetic Facts? March, 99–105.

BARODDY, ARTHUR J. Mastery of Basic Number Combinations: Internalization of Relationships or Facts? March, 83–98.

BEHR, MERLYN J.; WACHSMUTH, IPKE; and POST, THOMAS R. Construct a Sum: A Measure of Children's Understanding of Fraction Size. March, 120–131.

BEHR, MERLYN J. *See* Post, Thomas R.

BRINKO, KATHLEEN T. *See* Fuson, Karen C.

CARRAHER, TEREZINHA NUNES, and SCHLIEMANN, ANALÚCIA DIAS. Computation Routines Prescribed by Schools: Help or Hindrance? January, 37–44.

COONEY, THOMAS J. A Beginning Teacher's View of Problem Solving. November, 324–336.

DERI, MARIA. *See* Fischbein, Efraim.

FENNEMA, ELIZABETH, and TARTRE, LINDSAY A. The Use of Spatial Visualization in Mathematics by Girls and Boys. May, 184–206.

FISCHBEIN, EFRAIM; DERI, MARIA; NELLO, MARIA SAINATI; and MARINO, MARIA SCIOLIS. The Role of Implicit Models in Solving Verbal Problems in Multiplication and Division. January, 3–17.

FUSON, KAREN, and BRINKO, KATHLEEN T. The Comparative Effectiveness of Microcomputers and Flash Cards in the Drill and Practice of Basic Mathematics Facts. May, 225–232.

GAROFALO, JOE, and LESTER, FRANK K., JR. Metacognition, Cognitive Monitoring, and Mathematical Performance. May, 163–176.

HANSEN, RANDALL S.; McCANN, JOAN; and MYERS, JEROME L. Rote Versus Conceptual Emphases in Teaching Elementary Probability. November, 364–374.

HENDERSON, RONALD W.; LANDESMAN, EDWARD M.; and KACHUCK, IRIS. Computer-Video Instruction in Mathematics: Field Test of an Interactive Approach. May, 207–224.

KACHUCK, IRIS. *See* Henderson, Ronald W.

LANDESMAN, EDWARD M. *See* Henderson, Ronald W.

LESH, RICHARD. *See* Post, Thomas R.

LESTER, FRANK K., JR. *See* Garofalo, Joe.

LLABRE, MARIA M. *See* Maspons, Maria M.

MARINO, MARIA SCIOLIS. *See* Fischbein, Efraim.

MASPONS, MARIA M., and LLABRE, MARIA M. The Influence of Training Hispanics in Test Taking on the Psychometric Properties of a Test. May, 177–183.

McCANN, JOAN. *See* Hansen, Randall S.

MYERS, JEROME. *See* Hansen, Randall S.

NELLO, MARIA SAINATI. *See* Fischbein, Efraim.

POST, THOMAS R.; WACHSMUTH, IPKE; LESH, RICHARD; and BEHR, MERLYN J. Order and Equivalence of Rational Numbers: A Cognitive Analysis. January, 18–36.

POST, THOMAS R. *See* Behr, Merlyn J.

RESEARCH ADVISORY COMMITTEE OF THE NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS. Mathematics Education Research: 1984 in Review. July, 316–319.

RUBENSTEIN, RHETA N. Computational Estimation and Related Mathematical Skills. March, 106–119.

SCHLIEMANN, ANALÚCIA DIAS. *See* Carraher, Terezinha Nunes.

SIDERS, JAMES A.; SIDERS, JANE Z.; and WILSON, REBECCA M. A Screening Procedure to Identify Children Having Difficulties in Arithmetic. November, 356–363.

SIDERS, JANE Z. *See* Siders, James A.

STEINBERG, RUTH M. Instruction on Derived Facts Strategies in Addition and Subtraction. November, 337–355.
SUYDAM, MARILYN N. Research on Mathematics Education Reported in 1984. July, 243–315.
TARTRE, LINDSAY A. *See* Fennema, Elizabeth.
WACHSMUTH, IPKE. *See* Behr, Merlyn J.
WACHSMUTH, IPKE. *See* Post, Thomas R.
WILSON, REBECCA M. *See* Siders, James A.

BRIEF REPORTS

CARRIER, CAROL; POST, THOMAS R.; and HECK, WILLIAM. Using Microcomputers to Reinforce Arithmetic Skills. January, 45–51.
COLLIS, BETTY A., and ROSENBLOOD, LORNE K. The Problem of Inflated Significance When Testing Individual Correlations From a Correlation Matrix. January, 52–55.
COLLIS, KEVIN F. *See* Romberg, Thomas A.
FERRANDEZ-REINISCH, ANNE-MARIE. The Acquisition of Inverse Proportionality: A Training Experiment. March, 132–140.
HECK, WILLIAM. *See* Carrier, Carol.
POST, THOMAS R. *See* Carrier, Carol.
ROMBERG, THOMAS A., and COLLIS, KEVIN F. Cognitive Functioning and Performance on Addition and Subtraction Word Problems. November, 375–382.
ROSENBLOOD, LORNE K. *See* Collis, Betty A.

CRITIQUES

BAROODY, ARTHUR J. Pitfalls in Equating Informal Arithmetic Procedures With Specific Mathematical Conceptions. May, 233–236.
COBB, PAUL. A Reaction to Three Early Number Papers. March, 141–145.
CLEMENT, JOHN. *See* Kaput, James J.
KAPUT, JAMES J.; SIMS-KNIGHT, JUDITH E.; and CLEMENT, JOHN. Behavioral Objections: A Response to Wollman. January, 56–63.
SIMS-KNIGHT, JUDITH E. *See* Kaput, James J.
WOLLMAN, WARREN. A Reply to Kaput, Sims-Knight, and Clement. January, 63–66.

REVIEWS

BAUERSFELD, HEINRICH; BUSSMANN, HANS; KRUMMHEUER, GÖTZ; LORENZ, JENS HOLGER; and VOIGT, JÖRG. *Lernen und Lehren von Mathematik* [Learning and Teaching of Mathematics]. (Hendrik Radatz) January, 68–70.
DAVIS, ROBERT B. *Learning Mathematics: The Cognitive Science Approach to Mathematics Education.* (James J. Kaput) March, 146–153.
KEITEL, CHRISTINE; OTTE, MICHAEL; and SEEGER, FALK. *Text—Wissen—Tätigkeit* [Text—Knowledge—Action]. (Hendrik Radatz) January, 67–68.
SILVER, EDWARD A. (Ed.). *Teaching and Learning Mathematical Problem Solving: Multiple Research Perspectives.* (Gerald Kulm) November, 383–387.
STEFFE, LESLIE P.; VON GLASERFELD, ERNST; RICHARDS, JOHN; and COBB, PAUL. *Children's Counting Types: Philosophy, Theory, and Application.* (Thomas P. Carpenter) January, 70–76.

REVIEWERS

CARPENTER, THOMAS P. January, 70–76.
KAPUT, JAMES J. March, 146–153.
KULM, GERALD. November, 383–387.
RADATZ, HENDRIK. January, 67–68; 68–70.

CORRESPONDENTS

BECKER, BETSY JANE. January, 78–79.
EGAN, KIERAN. March, 157–158.
HEDGES, LARRY V. November, 389–390.
OSBORNE, ALAN. November, 389.

NOTES AND NOTICES

Acknowledgment: November, 393–395.
Announcements: January, 80.
March, 159–160.
May, 239.
July, 320.
November, 391–392.
Editorials: (Jeremy Kilpatrick) January, 2.
(Jeremy Kilpatrick) March, 82.
(Jeremy Kilpatrick) May, 162.
(Jeremy Kilpatrick) July, 242.
(Jeremy Kilpatrick) November, 322.
Telegraphic Reviews: January, 77.
March, 154–156.
May, 237–239.
November, 388.